

ABSTRACT OF THE DISCLOSURE

A system to facilitate data transfer between a server and a client in an uninterrupted manner. At least one server network communicates data via a first Input/Output (I/O) architecture. At least two Virtual Network Interface Cards (VNICs) communicate the data via the first I/O architecture. A client network communicates data via a second I/O architecture. At least two bridging devices convert packets useable in the first I/O architecture to packets useable in the second I/O architecture. No more than one of the at least two bridging devices transfers the data with any one of the at least two VNICs, and the at least two bridging devices transfer the data with the client network. At least one intermediate driver binds to the at least one server network and to the at least two VNICs. The at least one intermediate driver provides a fail-over function to maintain a connection between the server network and the client network.